

ABSTRACT

A ceiling fan with sterilizing and air cleaner device constructed such that edges of an upper cover and a lower cover lodge into a groove of a securing annular plate which is configured with an array of protruding 5 pieces. A cold cathode ray light tube is fitted within the ceiling fan, and a motor is further mounted within the ceiling fan; the motor connects to fan blades. A turning axle connects to a controller, and a switch is configured on the controller, wherewith the switch controls operation of the motor, brightness and turning off of the cold cathode ray light tube. 10 Upon the ceiling fan rotating, air relatively high in a room is blown downwardly toward the floor and blown through negatively charged oxygen ions are produced by the cold cathode ray light tube, thereby enabling oxygenation of organic substances, consequently enhancing quality of indoor air.